

# UNIVERSAL ROOM EXTENSION

## Abstract

A push-pull drive chain mechanism and scissors linkage assembly and lifter assembly all powered by hydraulic cylinders to affect the coordinated, linear movement of an expandable room in a recreational vehicle. The drive chain moves generally vertically along a first structural member, such as a vehicle frame member, and then horizontally as the hydraulic cylinders extend or retract to move the expandable room relative to the vehicle frame. The lifter assembly assists in raising and lowering the expandable room so that when the room is extended, the floor of the expandable room will be substantially flush with the floor of the vehicle.